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Monday,
December 27th, 1976

Mr. Chester Harvey
Department of Natural Resources
G.R. State Office Building
350 Ottawa Avenue N.W.
Grand Rapids, Michigan 49502

US EPA RECORDS CENTER REGION 5



REFERENCE: Kent County Refuse Disposal System - Ten Mile Road Landfill
Discussion Of N.P.D.E.S. Permit No. 0037486

Dear Mr. Harvey:

On Friday, December 17th, 1976, I met with you, and Mr. Mogg of your staff to discuss various aspects of the above permit. At this time I stated that several revisions had been made to the plans, and that a complete set of documents would be provided your office. Please be advised that attached is one set of blue line prints of the over-all plans for the site, and also detailed blue line plans for a construction project which has been labeled "Various Improvements". These improvements include construction of the holding lagoon and the center and east underdrain.

In addition to providing you updated copies of the plans, we also reviewed various aspects of the permit and discussed implementation and D.N.R. requirements. The following is my understanding of our conversation.

PART I-A EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. Dewatering Wells And Trenches

Daily flow requirements will be made and monthly grab samples will be required for all operating dewatering wells and outlets of underdrains that have been installed on the site. The Department of Public Works pointed out that the two North - South underdrains have been installed, but that there was a possibility that the East - West underdrain would not be required. The numbering system for these wells are as follows:

001	TB35
002	TB39
003	TB33
004	Center Underdrain
005	East Underdrain
006	East - West Trench (Future)

Mr. Chester Harvey

Page 2

December 27th, 1976

2. Effluent Limitations For Surface Streams

The Department of Public Works understands that the two monitoring points for this requirement are at the upstream side of the two culverts under Ten Mile Road. The oil and grease requirement (visual inspection) will be on a rating system of 0 to 4, with 0 indicating none, 1 a slight film, and 4 would be extreme contamination.

3. Leachate Control

The plans indicate, and the Department of Public Works has constructed on the site, a 1,000 cubic meter holding lagoon. If leachate is generated, it will be conveyed by sanitary sewer to this lagoon. In addition, during the operating phase of the landfill, rainwater which falls on an operating cell will also be discharged into the lagoon. The lagoon will be operated on a fill and draw method. The Department of Public Works will outfit a truck it has with a 1,000 gallon storage tank for purposes of emptying the lagoon contents into the North Kent Sewage Disposal System. Emptying the lagoon will receive first priority for the truck. In addition, it should be pointed out that the Department of Public Works, and its sanitary sewer division, has open end contracts with septic tank firms for hauling sewage or leachate when its truck is no longer operational.

4. Monitoring Wells

In addition to using existing dewatering wells as monitoring wells, the Resource Recovery Division is requiring additional monitoring wells around the periphery of the site. The Department of Public Works will provide a complete list of these monitoring wells when they are installed. The Department of Public Works will attempt to place a monitoring well East of the existing intermittent stream. The location of this well was requested by your office.

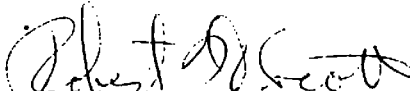
PART B - MONITORING AND REPORTING

The Department of Public Works intends to contract out monitoring and reporting to a local engineering firm. This firm will be responsible for sampling, analyzing, and filling out the forms.

If the above letter does not agree with what you understand to be the requirements in the permit, it is requested that you give me a call and we will make the necessary corrections.

Respectfully,

KENT COUNTY DEPARTMENT OF PUBLIC WORKS


Robert H. Scott
Assistant Director

RHS/sb
c.c. Fred Kellow